OCT 2 4 2001

VERTE-SPAN™ Spinal System
510(k) Summary K010930
July 2001

I. **Company:** **Medtronic Sofamor Danek**
1800 Pyramid Place
Memphis, TN 38132
(901) 396-3133

II. **Proprietary Trade Name: VERTE-SPAN™ Spinal System**

III. **Product Description**

The VERTE-SPAN™ device consists of titanium cylinders of various lengths and diameters, endplates and break-off set screws. The assembled VERTE-SPAN™ device consists of five components (one hollow metal cylinder, two endplates and two set screws). The VERTE-SPAN™ components can be rigidly locked into a variety of configurations, with each construct being tailor-made for the individual case. The VERTE-SPAN™ Spinal System implant components are made of medical grade titanium alloy (Ti-6A1-4V) described by ASTM Standard F136 or ISO 5832-3.

The VERTE-SPAN™ Spinal System must be used with additional anterior and/or posterior spinal instrumentation to augment stability

IV. **Indications**

The VERTE-SPAN™ Spinal System is a vertebral body replacement device intended for use in the thoracolumbar spine (T1-L5) to replace a collapsed, damaged, or unstable vertebral body due to tumor or trauma (i.e., fracture). The VERTE-SPAN™ Spinal System is to be used with supplemental fixation. Specifically, the VERTE-SPAN™ device is to be used with the Medtronic Sofamor Danek ZPLATE II Anterior Fixation System, Titanium DYNALOK™ CLASSIC Spinal System, Laurain DeWald Anterior Fixation System, Titanium TSRH® Spinal System, Titanium CD HORIZON® Spinal System or the Titanium GDLH® Spinal System. Additionally, the VERTE-SPAN™ device is intended to be used with bone graft.

V. **Substantial Equivalence**

Documentation was provided which demonstrated the VERTE-SPAN™ Spinal System to be substantially equivalent to the previously cleared Ionics Levante Intervertebral Pillar, Expandable (K983667) in terms of its size, indications for use, material of fabrication, and use with supplemental fixation: the DePuy AcroMed Stackable Cage System (K001340 and K990148) and the DePuy AcroMed Surgical Titanium Mesh™ System K003043 SE 5/08/01.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

OCT 2 4 2001

Richard W. Treharne, Ph.D.
Senior Vice President, Regulatory Affairs
Medtronic Sofamor Danek
1800 Pyramid Place
Memphis, Tennessee 38132

Re: K010930
Trade/Device Name: VERTE-SPAN Spinal System (f/k/a LIFT VB™ Spinal System)
Regulation Number: 21 CFR §888.3060
Regulation Name: Spinal intervertebral body fixation orthosis
Regulatory Class: Class II
Product Code: MQP, KWQ
Dated: March 27, 2001
Received: March 28, 2001

Dear Dr. Treharne:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 21 CFR Part 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4659. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address http://www.fda.gov/cdrh/dsma/dsmamain.html

Sincerely yours,

for Mark N. Melkerson

Celia M. Witten, Ph.D., M.D.
Director
Division of General, Restorative
and Neurological Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

July, 2001

510(k) Number (if known): K010930

Device Name: VERTE-SPAN™ Spinal System

Indications for Use:

The VERTE-SPAN™ Spinal System is a vertebral body replacement device intended for use in the thoracolumbar spine (T1-L5) to replace a collapsed, damaged, or unstable vertebral body due to tumor or trauma (i.e., fracture). The VERTE-SPAN™ Spinal System is to be used with supplemental fixation. Specifically, the VERTE-SPAN™ device is to be used with the Medtronic Sofamor Danek ZPLATE II Anterior Fixation System, Titanium DYNALOK™ CLASSIC Spinal System, Laurain DeWald Anterior Fixation System, Titanium TSRH® Spinal System, Titanium CD HORIZON® Spinal System or the Titanium GDLH® Spinal System. Additionally, the VERTE-SPAN™ device is intended to be used with bone graft.

(PLEASE DO NOT WRITE BELOW THIS LINE—CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Evaluation (ODE)

Prescription Use X OR Over-The-Counter Use _____
(Per 21 CFR 801.109) (Optional 1-2-96)

for Mark N Milkerson

(Division Sign-Off)
Division of General, Restorative and Neurological Devices

510(k) Number K010930